

**AMENDMENTS TO THE CLAIMS**

1-111 (canceled)

112 (new) A device for ablating stratum corneum epidermidis of skin on the body of a subject, comprising:

a plurality of electrodes, which are adapted to be applied to the skin of the subject at respective points; and

a power source, which is adapted to apply electrical energy between two or more of the plurality of electrodes, to cause ablation of an area of the stratum corneum during a first time period, so as to facilitate passage of a substance through the ablated area into the body during a second time period, subsequent to the first time period,

wherein the power source is adapted to apply the electrical energy as alternating current,

wherein the plurality of electrodes comprise a common electrode and a plurality of positive electrodes, and

wherein the power source is configured such that, during a phase of the alternating current, the alternating current from the power source flows from each positive electrode, through the skin, to the common electrode.

113 (new) A device for ablating stratum corneum epidermidis of skin on the body of a subject, comprising:

a plurality of electrodes, which are adapted to be applied to the skin of the subject at respective points;

a power source, which is adapted to apply electrical energy between two or more of the plurality of electrodes, to cause ablation of an area of the stratum corneum during a first time period, so as to facilitate passage of a substance through the ablated area during a second time period, subsequent to the first time period; and

a plurality of resistors, coupled to the plurality of electrodes.

114 (new) The device according to claim 113, wherein each resistor is coupled to a respective one of the plurality of electrodes.

115 (new) The device according to claim 113, wherein the power source is adapted to drive the current from a first one of the electrodes, through the stratum corneum, to a plurality of other ones of the electrodes.

116 (new) The device according to claim 113, wherein the power source is adapted to apply the electrical energy as alternating current.

117 (new) A device for ablating stratum corneum epidermidis of skin on the body of a subject, comprising:

- a plurality of electrodes, which are adapted to be applied to the skin of the subject at respective points; and

- a power source, which is adapted to apply electrical energy between two or more of the plurality of electrodes, to cause ablation of an area of the stratum corneum during a first time period, so as to facilitate passage of a substance through the ablated area into the body during a second time period, subsequent to the first time period,

- wherein the two or more of the plurality of electrodes comprise: (a) a plurality of current-driving electrodes, and (b) a plurality of return electrodes, and

- wherein, in applying the electrical energy, the power source is adapted to drive current from the current-driving electrodes, through the stratum corneum, to the plurality of return electrodes.